

ACC NR: AP6034001

through the interaction of water masses. If the oceanographic characteristics of the intermediate masses of water are between values corresponding to the adjacent masses of water a monotonic structure and one maximum gradient surface are formed. Orig. art. has: 23 formulas.

SUB CODE: 08/ SUBM DATE: 09Jun65/ ORIG REF: 006/

Card 2/2

KRUTSKIKH, B.A.; BULGAKOV, N.P.

Semenovskiy Bank. Probl.Arkt. no.4:98 '58.      (MIRA 11:12)  
(Laptev Sea--Ocean bottom)

S/049/60/000/02/022/022  
E131/E459

AUTHOR: Bulgakov, N.P.  
TITLE: Phenomenon of Water Compression ✓ Due to its Displacement  
PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,  
1960, Nr 2, pp 346-352 (USSR)

ABSTRACT: The author enlarges on the subject developed by N.N.Zubov (Ref 4 to 9). The effect of isopic and isosteric curves on density at various temperatures is calculated and examples of results are tabulated. The following conclusions are arrived at: ✓

- 1) The phenomenon of compression of water at various temperatures and salinity can be observed even in cases of straight isopic and isosteric curves.
- 2) The convexity of isopic lines influences the density.
- 3) The phenomenon of water compression occurs when the curves  $\alpha = f(t)$  and  $\alpha = f(S)$  (Eq 4) are bent downwards.
- 4) Sea water has an additional anomaly, namely, the rate of increase of density decreases until the specific salinity is obtained and then increases.
- 5) The maximum compression tends to occur when the water has a smaller density but a greater mass.

Card 1/2

S/049/60/000/02/022/022  
E131/E459

Phenomenon of Water Compression Due to its Displacement

- 6) It is impossible for the reverse, i.e. decrease of density, to occur.
- 7) No additional energy is required for water compression. There are 2 figures, 6 tables and 13 references, 11 of which are Soviet, 1 German and 1 English.

ASSOCIATION: Akademiya nauk SSSR Institut okeanologii  
(Academy of Sciences USSR, Institute of Oceanology)

SUBMITTED: March 21, 1959

Card 2/2

BULGAKOV, N.P.

Determining the depth of density mixing. Izv. AN SSSR. Ser.  
geofiz. no. 2:319-323 1961. (MIRA 14:2)

1. Institut okeanologii AN SSSR.  
(Sea water—Density)

S/169/62/000/012/077/095  
D228/D307

AUTHOR: Bulgakov, N.P.

TITLE:

Determination of the time at which the water temperature reaches freezing point and of the depth of density mixing with a functional grid

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 12, 1962, 91, abstract 12V139 (In collection: Probl. Severa, no. 4, M., AN SSSR, 1961, 138-144)

TEXT:

The author considers the use of dual functionally-coordinated grids to determine the time at which the water temperature reaches freezing point at a given salinity, and to estimate the depth of density mixing. Theoretically and practically it is important to know whether or not the time when stable ice begins to form coincides with the time when the water temperature reaches freezing point. To resolve this matter accurately, it is necessary to compare the water temperature and the freezing point for a certain interval of time. This problem can be solved graphically by

Determination of the time ...

S/169/62/000/012/077/095  
D228/D307

means of a dual functionally-uniform grid. The sequence in designing an S-T-D dual functionally-coordinated grid (where S is the salinity of water in ‰, T is the temperature at which water of a given salinity freezes, and D is the time) is cited, together with an example of its use in practice. The application of an S-T-D grid for a number of points indicates whether there actually is inertia in the advent of the day when stable ice begins to form. An S- $\sigma_t$ -h dual functional grid - where S is the salinity in ‰,  $\sigma_t$  is the nominal water density, and h is the depth - is employed to determine the depth of density mixing. An example of estimating the depth of density mixing by means of an S- $\sigma_t$ -h grid is cited. The estimation of the depth of density mixing automatically takes into account the phenomenon of condensation on the mixing of water.

[Abstracter's note: Complete translation]

Card 2/2

BULGAKOV, N.P.

The "weight" of factors in a particular type of prognostic equations.  
Trudy Inst. okean. 52:166-170 '61. (MIRA 14:6)  
(Sea ice)

BULGAKOV, N.P.

Study of the convection and the process of autumn cooling in the sea.  
Trudy Inst.okean. 60:3-95 '62. (MIRA 17:1)

BULGAKOV, N.P.

Freezing point of seawater. Okeanologiya 3 no.3:453-458 '63.  
(MIRA 16:8)

1. Tikhookeanskoye otdeleniye Instituta okeanologii AN SSSR,  
Vladivostok.  
(Seawater) (Freezing points)

BULGAKOV, N.P.

Effect of the compressibility of sea water on the process  
of thermal convection. Vop. geog. no.62:107-117 '63.

(MIRA 17:3)

BULGAKOV, N.P.

Thermal stability of water layers. Izv. AN SSSR. Ser. geofiz.  
no.12:1878-1884 P '64. (MIRA 18:3)

1. Institut okeanologii AN SSSR.

ALFATOV, M.G.; BULGAROV, N.P.; GANSON, P.P.

Research ship "Rohotoh" of the U.S. Navy. Okeanologia 4  
no.2:361-363 '64. (MIRA 17.5)

BULGAKOV, N.P.

Distribution of ice in the Bering Sea. Okeanologiya 4 no. 58  
831-841 '64 (MIRA 1964)

1. Tikhookeanskoye otdeleniye Instituta okeanologii AN S.S.S.R.

BULGAKOV, N.V.

SIMONOV, Ye.D., redaktor; ROTOTAYEV, P.S., redaktor; BOROVNIKOV, A.M., redaktor; BULGAKOV, N.V., redaktor; GARF, B.A., redaktor, GVOZDET-SKIY, N.A., redaktor; YEZERSKIY, Ye.M., redaktor; ZATULOVSKIY, D.M., redaktor; IVANOV, A.I., redaktor; KUZ'MIN, K.K., redaktor; NESTEROV, V.F., redaktor; SUSLOV, A.D., redaktor; TUSHINSKIY, G.K., redaktor; YUKHIN, I.V., redaktor; LEBEDEVA, N.G., redaktor; GOLITSYN, A.V., redaktor; KOSHKELEVA, S.M., tekhnicheskii redaktor

[Conquered peaks; annual publication of Soviet mountaineering for 1953] Pobezhdennye vershiny; ezhegodnik sovetskogo al'pinizma god 1953. Moskva, Gos. izd-vo geograficheskoi lit-ry, 1954. 606 p. (Mountaineering--Yearbooks) (MLRA 8:7)

CHERVITS, Yevgeniya Zel'manovna; BULGAKOV, N.V., prof., red.; SINEL'NIKOVA,  
TS.B., red.; BRODSKIY, M.P., tekhn. red.

[Footwear manufacture and materials] Tovarovedenie obuvi. Pod red.  
N.V.Bulgakova. Moskva, Gos. izd-vo torg. lit-ry, 1961. 170 p.  
(MIRA 14:11)

(Boots and shoes)

*Булгаков А. П.*

ARKHANGEL'SKIY, Nikolay Andreyevich,; YEGORKIN, N.I., prof., retsenzent,;  
TATARINOV, A.P., starshiy prepodsvatel', retsenzent,; BULGAKOV,  
N.V., prof., retsenzent,; BORISOVA, G.A., red.; MEDRISH, D.M., tekhn. red.

[Industrial products, an introductory commodity guide] Vvedenie v  
tovarovedenie promyshlennykh tovarov. Moskva, Gos. izd-vo torgovoi  
lit-ry, 1958. 160 p. (MIRA 11:11)

1. Leningradskiy institut sovetskoy torgovli im. Engel'sa (for Yegorkin).
2. Kafedra tovarovedeniya promptovarov LTEI (for Tatarinov).
3. Kafedra tovarovedeniya promptovarov Vsesoyuznogo zaochnogo  
instituta sovetskoy torgovli (for Bulgakov).  
(Commercial products)

KISELEV, Vasilii Stepanovich; SHCHEGLOV, Lev Mikhaylovich; ARKHANGEL'SKIY, N.A., prof., red.; KALLIGA, G.P., dotsent, retsenzent; YEGORKIN, N.I., prof., retsenzent; DAVANKOV, A.V., dotsent, retsenzent; NOVODEREZHKIN, P.I., dotsent, retsenzent; KUTYANIN, G.I., prof., retsenzent; BULGAKOV, N.V., prof., retsenzent; BORISOVA, G.A., red.; MEDRISH, D.M., tekhn.red.

[Articles made from silicates, plastics and chemical industry products] Tovary silikatnye, iz plasticheskikh mass i khimiko-moskatel'nye. Pod red. N.A. Arkhangel'skogo. Moskva, Gos. izd-vo torg. lit-ry, 1958. 320 p. (MIRA 12:2)

1. Kafedra tovarovedeniya promptovarov Vsesoyuznogo zaochnogo instituta sovetskoy torgovli (for Bulgakov).  
(Glassware) (Plastics) (Pottery)

PARKHOMENKO, Vasilii Georgiyevich; ARKHANGEL'SKIY, N.A., prof., retsenzent;  
BULGAKOV, N.V., prof., retsenzent; ZAITSEV, V.G. (Moskva), kand.tekhn.  
nauk, retsenzent; SHEKLAKOV, D.M. (Moskva), prepodavatel', retsenzent;  
PISHCHANSKAYA, B.A. (Odessa), prepodavatel', retsenzent; GUTAN, M.K.,  
prepodavatel', retsenzent; GOL'DIN, A.E., prepodavatel', retsenzent;  
KHRYPOV, N.N. (Sverdlovsk), prepodavatel', retsenzent; DERYABINA,  
L.I., prepodavatel', retsenzent; YEMEL'YANOV, D.M. (Leningrad), pre-  
podavatel', retsenzent; GONCHAROVA, L.D. (Simferopol'), prepodavatel',  
retsenzent; MATVEYEV, Ye.P., prepodavatel', retsenzent; ALEKSEYEV,  
I.M., prepodavatel', retsenzent; DUDINSKIY, S.L. (Leningrad), pre-  
podavatel', retsenzent; BABUN, V.B. (Khar'kov), kand.tekhn.nauk,  
retsenzent; CHERNOV, N.V., prof., doktor tekhn.nauk, spetsred.;  
BORISOVA, G.A., red.; SUDAK, D.M., tekhn.red.

[Introduction to the study of commercial wares] Vvedenie v tovaro-  
vedenie promyshlennykh tovarov. Moskva, Gos.izd-vo torg.lit-ry,  
1959. 135 p. (MIRA 12:7)

(Commercial products)

PARKHOMENKO, Vasilii Georgiyevich; ARKHANGEL'SKIY, N.A., prof.,  
retsenzent; [deceased]; BULCAKOV, N.V., prof., retsenzent;  
ZAYTSEV, V.G., retsenzent(Moskva); SHIKLAKOV, D.M., prepoda-  
vatel' tekhnikumov sovetskoy trgovli, retsenzent(Moskva);  
KOZLOVA, Z.V., retsenzent (Moskva); PISHCHENSKAYA, B.A., re-  
tsenzent (Odessa); GUTAN, M.K., retsenzent; GOL'DIN, A.E.,  
retsenzent; KHRYPOV, N.N., retsenzent(Sverdlovsk); DERYABINA,  
L.I., retsenzent; YEMEL'YANOV, D.M., retsenzent (Leningrad);  
GONCHAROVA, L.D., retsenzent(Simferopol'); MATVEYEV, Ye.P.,  
retsenzent; ALEKSEYEV, I.M., retsenzent; DUDINSKIY, S.L.,  
retsenzent(Leningrad); BABUN, V.B., kand. tekhn. nauk, re-  
tsenzent(Khar'kov); CHERNOV, N.V., prof., doktor tekhn. nauk,  
spets. red.; BORISOVA, G.A., red.; GRCHOV, A.S., tekhn. red.

[Introduction to a knowledge of manufactured goods]Vvedenie v  
tovarovedenie promyshlennykh tovarov. Izd.2., dop. i perer.  
Moskva, Gostorgizdat, 1962. 142 p. (MIRA 16:1)  
(Commercial products)

BULGAKOV, Nikolay Vasil'yevich; KUTYANIN, Georgiy Isaakovich;  
SERGEYEV, M.Ye., prof., retsenzeng; MESYACHENKO, V.T.,  
dots., retsenezent; MAKSIMOVICH, A.G., red.; SINEL'NIKOVA,  
TS.B., red.; MEDRISH, D.M., tekhn. red.

[Introduction, Plastics, Commercial Chemicals]Vvedenie,  
Plasticheskie massy, Khimiko-moskatel'nye tovary. Moskva,  
Gostorgizdat, 1962. 368 p. (MIRA 15:10)  
(Commercial products) (Plastics) (Chemicals)

PHASE I BOOK EXPLOITATION

SOV/6276

Bulgakov, Nikolay Vasil'yevich, and Georgiy Isaakovich Kutyanin.

Tovarovedeniye promyshlennykh tovarov. Vvedeniye, plasticheskiye massy, khimiko-moskatel'nyye tovary (Commercial Products. Introduction, Plastics, Commercial Chemicals) Moscow, Gostorgizdat, 1962. 368 p. 18,000 copies printed.

Reviewers: M. Ye. Sergeyev, Professor, and V. T. Mesyachenko, Docent;  
Eds.: A. G. Maksimovich and Ts. B. Sinel'nikova; Tech. Ed.: D. M. Medrish.

**PURPOSE:** This book is intended as a textbook for students of economics and commerce at schools of higher education.

**COVERAGE:** This textbook deals with the classification, properties, packaging, transportation, and storage of industrial products marketed by the chemical industry. There are 30 references: 28 Soviet, 2 German.

Card 1/5

BULGAKOV, N. V.

PA 24742

USSR/Engineering  
Stress Analysis  
Soils

Apr 1947

"A New Method of Determining Soil Pressure on a Bulkhead," N. V. Bulgakov, Engr, Member of the Association of Water Transport Workers, 4½ pp

"Vest Inzher i Tekh" No 4

The author gives mathematical formulae for calculating the stress on a bulkhead set at an angle to the horizontal. He concludes his article by stating that this new method will greatly simplify the calculation of the stresses and strains affecting a bulkhead when a load is placed on the top of the soil which the bulkhead is retaining.

24742

BULGAROV, N.

\*Magnetic Viscosity and the Part Played by the Displacement of Domain Boundaries in the Process of Remagnetization of High-Coercivity Alloys. N. Bulgarov and E. Kontonky (Doklady Akad. Nauk S.S.S.R., 1949, 60, (3), 325-328). [In Russian]. The magnetic viscosity in the alloys (1) Ni 24, Al 72, Cu 1.5%, remainder Fe, after various thermal treatments causing different decompu. of the solid soln. and (2) Ni 13, Al 8, Cu 3, Co 24%, remainder Fe, cooled in a magnetic field and also given various thermal treatments, was studied. Experiments were carried out at various temp. The time interval,  $T'$ , from the moment of appn. or change of the magnetic field to the moment of measurement of the change of magnetization of the specimen varied between the limits  $2 \times 10^{-3}$  to 81 sec. For  $T' = 15 \times 10^{-3}$  sec. a Helmholtz pendulum breaker with a ballistic galvanometer was used for the measurements; for  $T' = 0.1$  sec., a manually operated fluxmeter. The measurements were taken on the downward branch of the hysteresis loop and also at the beginning of the magnetization curve. In the latter case the specimens were carefully demagnetized before the experiment. The influence of eddy currents and auto-induction was shown theoretically to be unimportant. The results indicate that the high viscosity which occurs in relatively magnetically soft materials also occurs in high-coercivity alloys. It is concluded that the movement of domain boundaries plays an important part in the remagnetization of such alloys, which is contrary to the views currently accepted. B. and K. also show theoretically that the growth of thermally nucleated domains of favourable orientation is possible at fields greater than the critical value. A purely rotational process can take place only in very fine powders.—Z. S. B.

BULGAKOV, N. V.

155T58

USSR/physics - Anisotropy, Magnetic Steels Dec 49

"Constant of Magnetic Anisotropy of High-Coercive Steels," N. V. Bulgakov, Sci Res Inst of Phys, Moscow State U imeni M. V. Lomonosov, 2 pp

"Dok Ak Nauk SSSR" Vol LXXIX, No 4, pp 521-2.

Determined constant of magnetic anisotropy for two cases: when axis of rotation of the crystal passed along diameter of the specimen (ball of Alnico steel 5.82 mm in diameter), perpendicular to both axes of easy magnetization, and when one of the two axes of easy magnetization was used

155T58

USSR/physics - Anisotropy, Magnetic (Contd) Dec 49

for axis of rotation. Constant was  $1.63 \cdot 10^5$  ergs/cu cm in the first case and  $2.3 \cdot 10^5$  ergs/cu cm in the second. Explains discrepancy. Submitted by Acad S. I. Vavilov. 12 Sep 49.

155T58

M

**\*Temperature Dependence of the Coercive Force of High-Coercivity Alloys.**  
N. V. Bulgakov (*Doklady Akad. Nauk S.S.S.R.*, 1949, **60**, (5), 627-628). [In Russian]. The three alloys investigated were Alni (aluminum 12, nickel 24, copper 1.5%, iron remainder), Alnico (cobalt 12, nickel 13, aluminum 8, copper 1.5%, iron remainder), and Magnico (cobalt 24, nickel 12, aluminum 8, copper 3%, iron remainder). Three specimens of each of these were heated to 1300° C. and then (1) was cooled to room temp. within 3 min., (2) and (3) were cooled in 30 min., and (3) was then tempered for 2 hr. at 750° C. The Magnico specimens were cooled in a magnetic field of 2000 Oe. The magnetic investigation, in a field of 3000 Oe., was made in the reversibility range of the magnetic phenomena, the reversibility being controlled by the coercive force at 20° C. The coercive force varies linearly over a wide range of temp., as does also the sign of the coercive force of Magnico specimens not subjected to tempering. The temp. variation of the coercive force of Magnico is independent of the application of a field during tempering.—B. F. K.

22. 1950

BULGAROV, N. V.

0

\*On the Internal Demagnetization Factor of High-Coercivity Alloys. N. V. Bulgakov (*Doklady Akad. Nauk S.S.S.R.*, 1950, 70, (2), 203-206).--[In Russian]. The internal demagnetization factor of three high-coercivity alloys which had been given various heat-treatments were studied and values are given.--Z. S. B.



BULGAKOV, N. V.

"Investigating the Properties of High-Coercive Alloys of the Type AlNi."  
Sub 20 Jun 51, Moscow Order of Lenin State University M. V. Lomonosov

Dissertations presented for science and engineering degrees in Moscow during 1951.

S: Sum, No. 420, 9 May 55

RAKOV, K. A., Cand. Tech. Sci.; BULGAKOV, N. V., Cand. Tech. Sci, jr. sci. assoc.;  
KROLYA, L. B., Cand. Tech. Sci.; PANASENKO, M. D., Cand. Tech. Sci.

"Schaffung, Entwicklung und Untersuchung einer mit überkritischem Druck (300 ata)  
bei einer Dampf-temperatur von 600° C arbeitenden Zwangsdurchlaufkessel-Versuchsanlage,"  
List of General Reports and Papers presented at the Fifth World Power Conference, Vienna,  
10 January 1956, pg. 28.

*Production, development + study of test forced passage boiler  
installation working with overcritical pressure (300 ata) at  
a steam temperature of 600° C.*

E-2298

BULGAKOV, N.V., kand.tekhn.nauk; KOZLOVA, A.G., inzh.; SAKATUNOV, Yu.S.,  
~~inzh.~~

Use of powder metallurgy techniques for modeling permanent magnets.  
Vest. elektroprom. 33 no.7:69-71 J1 '62. (MIRA 15:11)  
(Magnetic circuits—Models) (Powder metallurgy)





~~BULGAKOV, N.V.~~

[Tanning, dyeing, and dressing of furs] Vydalka, krashenie i otdelka  
mekhov. Moskva, Gos. izd-vo mestnoi promyshl. RSFSR, 1947. 127 p.  
(Fur) (Hides and skins) (MLRA 8:2)

BULGAKOV, N. V.

25774. BULGAKOV, N. V. Kachestvenna ya Khrakteristika romanovskoy ovchiny.  
Trudy Vsesoyuz. Nauchissled. In-ta Zhivotnovodstva, t. XVI, 1949, s. 91-145--Bibliogr:  
15 Nazv. A

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

BULGAKOV, N. V.

Dissertation presented for the Degree Doctor Technical Science  
BULGAKOV, N. V. - - "Market Qualities of Sheepskin Fur Coats". Submitted 12 Jan. 1951,  
Moscow ~~ni~~ Inst. of National Economy imeni G.V. Plekhanov.

SO: CIA, FDD Sum 480, 9 May 1955, For Official Use Only

C.A.

New types of raw materials for leather and their utilization.  
V. M. Rogov and N. V. Bulgakov. *Legkaya Prom.* 11, No. 4,  
18-20(1961).—Improved methods are given of initial treat-  
ment (salting and removal of fat) of skins from Caspian  
seal, Black Sea dolphin, and sperm whale. In case of seal-  
skins, yield of chrome leather was 160 sq. m. per 100 sq.  
m. of skin. B. Z. Kamich

VINOGRADOV, Aleksandr Petrovich; KEDRIN, Yevgeniy Alekseyevich;  
TSEREVITIKOV, Boris Fedorovich; SERGEYEV, M.Ye., zasl. deyatel'  
nauki, prof., doktor tekhn. nauk, retsenzent; BULGAKOV, N.V.,  
prof., doktor tekhn. nauk, retsenzent; PLATUNOV, K.M., kand.  
tekhn. nauk, retsenzent; SHVETSOVA, T.P., inzh., retsenzent;  
MUKVANIDZE, D.S., inzh., retsenzent; YEGORKIN, N.I., prof.,  
doktor tekhn. nauk, retsenzent; MASHKOV, A.N., kand. sel'khoz.  
nauk, retsenzent; ARKHANGEL'SKIY, N.A., prof., red.; BORISOVA,  
G.A., red.; GROMOV, A.S., tekhn. red.

[Leather goods, shoes, furs and pelts] Kozhevenno-obuvnyye,  
pushno-mekhovyye i ovchinno-shubnyye tovary. Pod red. N.A.Ar-  
khangel'skogo. Moskva, Gos. izd-vo torg. lit-ry, 1962. 536 p.  
(MIRA 15:3)

(Boots and shoes) (Fur) (Hides and skins)

BULGAKOV, C.I.

Device for checking external diameters of shafts. Biul.tekh.-ekon.  
inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform. 17 no.7:40-41  
JI '64. (MIRA 17:10)

BULGAROV, B.I.

Mounted indicator brackets for circular grinding machines. Biul.  
tekh.-ekon. inform. Gos. nauch.-issl. nauch. i tekhn. inform. 17  
no.9:24-45 S '64  
(MIRA 18:1)

BULGAKOV, P.; KOLIVOSHKO, G.

Disinfection of warehouses with 2-AG apparatus. Muk.-elev.prom  
22 no.9:3 of cover S '56. (MLRA 10:8)

1. Nikolayevakaya oblastnaya kontora Zagotzerno (for Bulgakov).
2. Vinnitskaya oblastnaya kontora Zagotzerno (for Kolivoshko).  
(Warehouses) (Fumigation)

L 08137-67 EWT(m)/EWP(v)/EWP(j) IJP(c) WW/RM  
ACC NR: AP6029270 (A) SOURCE CODE: UR/0323/66/000/003/0038/0042

AUTHOR: Kotov, M. P. (Doctor of Technical Sciences, Professor); Sorokina, N. S.  
(Candidate of Chemical Sciences, Docent); Kharlashkin, V. I. (Engineer); Kuz'mina,  
V. I. (Engineer); Petrova, T. A. (Engineer); Bulgakov, P. M. (Engineer) 27  
26  
8

ORG: Kiev Technological Institute for Light Industry (Kiyevskiy tekhnologicheskii  
institut legkoy promyshlennosti) 15

TITLE: Technological conditions for preparing and applying thermoplastic adhesive  
KTILOL-11 in beading parts of shoe uppers

SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 3, 1966, 38-42

TOPIC TAGS: THERMOPLASTIC MATERIAL,  
footgear, adhesive, water repellent lubricant / KTILOL-11 ADHESIVE

ABSTRACT: The new adhesive KTILOL-11 is prepared by mixing and heating to 190-200°C  
50% polyamide 54 with 18-30% modified alkyd, 4-8% plasticizer KPT and 27-18% novolac  
type phenol-formaldehyde resin. The alkyd is previously modified by heating, with  
removal of water, to an acid number not over 30 and a melting point not below 60°.  
Such compositions containing no more than 24% alkyd and 6% plasticizer are suitable  
for making adhesive coated strands which can be coiled without sticking. The adhesive-  
coated threads of 1.0-1.2 x 10<sup>-3</sup> m diameter were made by passing cotton thread through  
the molten adhesive and through a die. Various waterproofing compositions were tried

Card 1/2

L 08137-67

ACC NR: AP6029270

to keep the threads from sticking during storage. A 5% solution of stearic acid in mixed solvent (5 parts by weight mineral oil, 95 kerosene) prevented sticking for two days; coating with mineral oil alone also helped somewhat. Other precautions in making the adhesive-coated strands: the resin composition should not be overheated during preparation; sufficient time for cooling the adhesive on the thread is needed-- the take-up spool should be not less than 2 meters from the die; optimum rate is 20-25 rev/min. L. N. Zavel'gel'skii, Senior Engineer of the "Burevestnik" factory took part in the work. Orig. art. has: 2 tables.

SUB CODE: 11, 13/ SUBM DATE: 20Jan66/ ORIG REF: 004

Card 2/2 not

USSR/uman and Animal Physiology. Blood Circulation.  
Blood Vessels.

T

Abstr Jour: Ref Zhur-Biol., No 20, 1958, 93252.

Author : Bulgakov, P.P.

Inst :

Title : Methods of Determination of Permeability of Blood  
Capillaries.

Orig Pub: Vrachebn. delo, 1957, prilozh., 91.

Abstract: 208 studies are presented in 75 patients with gastri-  
tis, cancer, ulcerative diseases, and also chronic  
appendicitis, hernias, benign tumors, suppurative  
processes of the lungs. Total proteins were deter-  
mined by refractometry and hematocrits, and in the ca-  
pillaries by use of the Panchenkov apparatus. Per-  
meability of the capillaries, established by the

Card : 1/2

BULGAKOV, P.P.

~~Combination of periarteritis nodosa with bronchogenic lung cancer.~~  
(MIRA 11:11)  
Sov.med. 22 no.9:124-125 S '58

1. Iz kliniki obahchey khirurgii (zav. - prof. G.I. Podprigora)  
Novosibirskogo gosudarstvennogo meditsinskogo instituta (dir.  
-prof. G.D. Zalesskiy).

(LUNG NEOPLASMS, compl.  
periarteritis nodosa in bronchogenic cancer (Rus))  
(PERIARTERITIS NODOSA, compl.  
bronchogenic lung cancer (Rus))

BULGAKOV, P.P., BARANNIK, G.Kh.

Acute phlegmon of the stomach and late results of treatment.  
Khirurgiya 34 no.5:125-127 My '58 (MIRA 11:7)

1. Iz kliniki obshchey khirurgii (zav. - prof. G.I. Podoprigora)  
Novosibirskogo meditsinskogo instituta i gorodskogo dispansera na  
baze 1-y klinicheskoy bol'nitsy (glavnyy vrach P.I. Zimin).

(STOMACH, diseases

phlegmon, surg. & long-term results (Rus))

(PHLEGMON,

stomach, surg. & long term results (Rus))

BULGAKOV, P.P.

Reduction of dislocations by the use of ditilin, a curarelike preparation. *Khirurgia* 35 no.6:129-131 Je '59.

(MIRA 12:8)

1. Iz kliniki obshchey khirurgii (zav. - dots.B.A.Polyanskiy) Novosibirskogo meditsinskogo instituta (dir. - prof.G.D.Zaleskiy).

(SUCCINYLCHOLINE, ther. use  
in reduction of dislocations (Rus))

(DISLOCATION, ther.  
reduction, use of succinylcholine (Rus))

BULGAKOV, P.P.

Diagnosis of cystic degeneration of the liver. Vest. khir. 84  
no. 4:114 Ap '60. (MIRA 14:1)

(LIVER—DISEASES)

BULGAKOV, P.P.

Changes in the protein fraction of the blood after resection of  
the stomach. Khirurgiia 36 no.4:32-39 Ap '60. (MIRA 13:12)  
(BLOOD PROTEINS) (STOMACH--SURGERY)

BULGAKOV, P.P.

Blood loss and its replacement in surgical intervention. Khirurgiia no.8:30-39 Ag '61. (MIRA 15:5)

1. Iz kliniki obshchey khirurgii (zav. - dotsent B.A. Polyanskiy) Novosibirskogo meditsinskogo instituta. (SURGERY, OPERATIVE) (BLOOD-TRANSFUSION) (HEMORRHAGE)

BULGAKOV, P.P.

Curarization of the patient as an effective aid in dicaline poisoning. Khirurgiia no.11:109-111 '61. (MIRA 14:12)

1. Iz kliniki obshchey khirurgii (zav. - dotsent B.A. Polvanskiy) Novosibirskogo meditsinskogo instituta.  
(~~CURARE~~-THERAPEUTIC USE) (~~TETRACAINE~~-TOXICOLOGY)

POLYANSKIY, B.A.; BULGAKOV, P.P.; NOSOV, L.M.

Potentiated surface gas anesthesia with uninterrupted curarization  
in surgical intervention in traumatology. Sov. med. 25 no.8:123-127  
Ag '61. (MIRA 15:1)

1. Iz kliniki obshchey khirurgii (zav. - prof. B.A.Polyanskiy)  
Novosibirskogo meditsinskogo instituta (dir. - zasluzhennyy deyatel'  
nauki prof. G.D.Zalesskiy). (ANESTHESIA INTRATRACHEAL)  
(NITROUS OXIDE) (MUSCLE RELAXANTS)

POLYANSKIY, B.A.; BULGAKOV, P.P.; KOROTAYEVA, G.N.

Clinical observations on the application of potentiated anesthesia.  
Khirurgiia 37 no.4:65-69 '61. (MIRA 14:4)

1. Iz kliniki obshchey khirurgii (zav. - dotsent B.A. Polyanskiy)  
Novosibirskogo meditsinskogo instituta.  
(ARTIFICIAL HIBERNATION)

BULGAKOV, P.P.; DOBRYAKOV, B.S.

Method for protein fraction electrophoresis in the blood serum.  
Lab.delo 8 no.5:34-35 My '62. (MIRA 15:12)

1. Klinika obshchey khirurgii (zav. - prof. B.A.Polyanskiy)  
Novosibirskogo meditsinskogo instituta (rektor - zasluzhennyy  
deyatel' nauki prof. G.D.Zalesskiy).  
(PAPER ELECTROPHORESIS)(BLOOD PROTEINS)

EULGAKOV, P.P.

Perforating ulcer of the duodenum in patients with cardiac decompensation and ascites. Vrach. delo no.1:131-132 Ja'64

(MIRA 17:3)

1. Klinika obshchey khirurgii ( zav. - prof. B.A. Polyanskiy)  
Novosibirskogo meditsinskogo instituta.

BULGAKOV, P.P., kand.med.nauk; PISHCHIN, E.M.

Casuistica of the X-ray picture in peptic ulcer of the duodenum.  
Vest.rent.radiol. 40 no.5:70-71 S.-O '65.

(MIRA 18:12)

1. Klinika obshchey khirurgii (zav. - prof. B.A.Polyanskiy)  
Novosibirskogo meditsinskogo instituta i rentgenovskiy kabinet  
12-y Gerodskoy klinicheskoy bol'nitsy.

BULGAKOV, P.S. [Bulhakov, P.S.], vidpovidal'nyy za vipusk; KRESHCHENSKIY, Ye.S. [Kreshchens'kyi, IE.S.], tekhn.red.

[Achievements of the Soviet Ukraine during the past 40 years;  
a statistical manual] Disiahnennia Radians'koi Ukrainy za sorok  
rokiv; statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1957.  
151 p. (MIRA 11:4)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Statistics)

BULGAKOV, P.S., [Bulhakov, P.S.], otv. za vypusk; KRESHCHENSKIY, Ye.S.  
[Kreshchens'kyi, YE.S.], tekhn.red.

[Economy of the Ukraine; a statistical manual for 1957]  
Narodne hospodarstvo Ukrain's'koi RSR; statystychnyi shchorichnyk,  
1957 rik. Kyiv, Derzh.stat.vyd-vo, 1958. 263 p. (MIRA 12:6)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Statistics)

BULGAKOV, P.S., otv. za vypusk; MINEVICH, M.I., tekhn.red.

[Gross harvest and yield of agricultural crops in the Ukraine;  
a statistical manual] Valovi zbory i urozhainist' sil's'koho-  
spodars'kykh kul'tur po Ukrains'kii BSR; statystychnyi zbirnyk.  
Kyiv, Derzh.stat.vyd-vo, 1959. 338 p. (MIRA 13:6)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Field crops--Statistics)

BULGAKOV, P.S. [Bulhakov, P.S.], otv. za vypusk; MINEVICH, M.N.  
[Minevych, M.N.], tekhn.red.

[Stockbreeding in the Ukrainian S.S.R.; statistical collection]  
Tvarynnytstvo Ukrain's'koi RSR; statystychnyi zbirnyk. Kyiv,  
Derzh.stat.vyd-vo, 1960. 251 p. (MIRA 14:5)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Stock and stockbreeding)

BULGAKOV, P.S. [Bulhakov, P.S.], otvetstvennyy za vypusk; MINEVICH, M.I.  
[Minevych, M.I.], tekhn. red.

[Economy of the Ukrainian S.S.R. in 1959; statistical collection] Narodne hospodarstvo Ukrains'koi RSR v 1959 rotsi; statystychnyi shchorichnyk. Kyiv, Derzh. stat. vyd-vo, 1960.  
730 p. (MIRA 14:5)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Statistics)

BULGAKOV, P.S. [Bulhakov, P.S.], otv. za vypusk; MINEVICH, M.I.  
[Minevych, M.I.], tekhn. red.

[The national economy of the Ukrainian S.S.R. in 1960; a statistical yearbook] Narodne gospodarstvo Ukraini's'koi RSR v 1960. rotsi; statystychnyi shchorichnyk. Kyiv, Derzh. stat.vyd-vo, 1961. 555 p. (MIRA 15:9)

1. Ukraine. Statisticheskoye upravleniye.  
(Ukraine--Statistics)

BULGAKOV, P.S. [Bulhakov, P.S.], otv. za vypusk; MINEVICH, M.I.  
~~Minevych~~, M.I.], tekhn. red.

[The Ukrainian S.S.R. in figures; a brief statistical  
reference book] Ukrains'ka RSR v tsyfrakh; korotkyi statystychnyi  
dovidnyk. Kyiv, Derzh. stat. vyd-vo, 1962. 269 p.  
(MIRA 16:1)

(Ukraine--Statistics)

BULGAKOV, P.S. [Bulhakov, P.S.], otv. za vypusk; MINEVICH, M.I.  
[Minevych, M.I.], tekhn. red.

[National economy of the Ukrainian S.S.R. in 1961; statistical  
yearbook] Narodne hospodarstvo Ukrain's'koi RSR v 1961 rotsi;  
statystychnyi shchorichnyk. Kyiv, Derzh.stat.vyd-vo, 1962.  
750 p. (MIRA 16:2)

(Ukraine--Statistics)

TERESHCHENKO, I.P.; MOSKVIN, O.I.; DARAGAN, M.V.[Darahan, M.V.];  
ANISIMOV, V.P.; YARMOLINSKIY, M.R.[Iarmolyns'kyi, M.R.];  
BULGAKOV, P.S.[Bulhakov, P.S.]; KUTS, V.K.; KASHFUR, A.V.;  
VASTILENKO, G.K.[Vasylenko, H.K.]; KUKOLEV, V.D.[Kukoliev,  
V.D.]; SIGOV, S.G.[Sihov, S.H.,deceased]; NAGIRNYAK, P.A.  
[Nahirniak, P.A.]; VETCHINOV, I.A.[Vietchynov, I.A.];  
ZADOROZHNYI, V.K.; DROSOVSKAYA, L.I.[Drosovs'ka, L.I.];  
SHKITINA, M.I.; PROSHCHAKOV, O.M.; MOKIYENKO, B.F.  
[Mokiienko, B.F.]; GOLOVACH, A.V.[Holovach, A.V.];  
IVANITSKIY, I.V.[Ivanyts'kyi, I.V.]; KOZAK, V.Ye.;  
BORYAKIN, V.M., red.izd-va; NESTERENKO, O.O., glav. red.;  
DAKHNO, Yu.B., tekhn. red.

[National income of the Ukrainian S.S.R. during the period  
of the large-scale building of communism] Natsional'nyi  
dokhod Ukrain'skoi RSR v period rozhornutoho budivnytstva  
kommunizmu. Red.kol.: O.O.Nesterenko ta inshi. Kyiv, Vyd-  
vo AN URSR, 1963. 333 p. (MIRA 16:12)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.  
(Ukraine--Income)

BULGAKOV, P.S. [Bulhakov, P.S.], otv. za vyp.; MINEVICH, M.I.  
[Minevych, M.I.], tekhn. red.

[The Ukrainian S.S.R. in figures for 1962; a short  
statistical abstract] Ukrains'ka RSR v tsyfrakh v 1962  
rotsi; korotkyi statystychnyi dovidnyk. Kyiv, Derzh.  
stat. vyd-vo, 1963. 260 p. (MIRA 17:2)

BULGAKOV, S.; FISENKO, V., inzh.

The vertical flow method. Na stroi.Ros. 3 no.9:35-37 S '62.  
(MIRA 15:12)

1. Glavnyy inzh. tresta Kurskpromstroy (for Bulgakov).  
(Industrial plants)  
(Precast concrete construction)

BULGAKOV, S.F.

Conclusions derived from practice. Elek. i tepl. tiaga 4  
no. 9:24 S '60. (MIRA 13:12)

1. Mashinist-instruktor depo Batraki Kuybyshevskoy dorogi.  
(Oktyabr'sk--Railroads--Repair shops)  
(Electric locomotives)

BULGAKOV, S.F., mashinist-instruktor

How to operate a train in the case of a defect in the  
differential relay. Elek. tepī. tiaga 5 no.10:31 0 '61.  
(MIRA 14:10)

1. Depo Batraki Kaybyshevskoy dorogi.  
(Electric locomotives Maintenance and repair)

BULGAKOV, S.N., inzh.

Practices in erecting a suspension roof on the main body of  
a "capron" fiber plant. Prom. stroi. 41 no.7:5-8 J1 '64.  
(MIRA 17:8)

1. Trest Kurskpromstroy.

BULGAKOV, S.N.

Erection of the underground part of a main building for the  
production-line manufacture of capron. Prom. stroi. 40 [i.e. 41],  
no.5:8-13 My '63. (MIRA 16:5)

1. Glavnyy inzh. tresta Kurskpromstroy.  
(Kursk--Industrial plants--Design and construction)

BULGAKOV, S.N.

Planning the organization of continuous construction  
of a main building for the manufacture of capron.  
Prom. stroi. 41 no.5:2-5 My '64.

(MIRA 18:11)

1. Glavnyy inzh. tresta Kurskpromstroy.

BULGAKOV, S.N., inzh.

Graphic work schedules in the continuous construction of industrial  
buildings. Prom. stroi. 43 no.9:25-31 '65. (MIRA 18:9)

L 1304-66 EWT(m)/EPF(c)/EWP(t)/EWP(b) IJP(c) JD  
ACCESSION NR: AP5012544

UR/0181/65/007/005/1375/1377  
46  
42  
B

AUTHOR: Synorov, V. F.; Bulgakov, S. S.; Stepanov, V. V.

TITLE: Effect of low-energy nitrogen ions on the surface of germanium

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1375-1377

TOPIC TAGS: surface ionization, conductivity, pn junction, volt ampere characteristic, ionizing radiation

ABSTRACT: The authors investigate the changes in the properties of germanium when its surface interacts with nitrogen ions having energies 1--3 keV. Germanium plates measuring 12 x 5 x 0.3 mm and having specific resistivity 10 ohm-cm, the surfaces of which were etched after polishing, were used. The samples were bombarded in apparatus consisting of a high-frequency ion source, an acceleration tube, and a current-transmitting sample-clamping system. The working gas was commercial nitrogen from which the impurities were first removed. The conductivity of the germanium was measured with a double bridge directly in the irradiation chamber. In some experiments, a non-bombarded pn junction was investigated. The volt-ampere characteristics were plotted in the usual fashion. The effect of the bombardment was judged from the change in the conductivity in the irradiated germanium with time, and also by a more accurate method of measuring the change in the inverse current

Card 1/2

L 1304-66  
ACCESSION NR: AP5012544

through the bombarded pn junction. Plots were obtained of the relaxation of the conductivity after bombardment, of the volt-ampere characteristics of the pn junction, and of the time dependence of the inverse pn junction current. The measured results agreed well with the published data. Orig. art. has: 3 figures.

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

SUBMITTED: 09Nov64

ENCL: 00

SUB CODE: SS

NR REF SOV: 011

OTHER: 004

*mbr*  
Card 2/2

BULGAKOV, S. V.

"Modified Anatomical Structure in Kok-Saghyz Roots and Its Biological  
Import," Dokl. AN SSSR, 45, No.1, 1944

All-Union Inst. Rubber Plants

BULGAKOV, S. V.

"Biological Requirements for the Cultivation of Kok-Saghyz," Sub. 23 Oct 47,  
Moscow Oblast Pedagogical Inst.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

BULGAKOV, V.

Cows-Diseases

Use of proserin in endometritis and the retention of the placenta in cows., Veterinaria.,  
29, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952, Unclassified.

BULGAKOV, V.

Paredvizhnow agenstvo na poliakh Kubani. Novo-Kibanskaia kontora sviazi.  
/Traveling agency in the fields of Kuban. The Novo-Kuban communication  
office/. (Vestnik sviazi. Pochta. 1947, no. 8, p. 7).

DLC: HE7.V44

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress  
Reference Department, Washington, 1952, Unclassified.

BULGAKOV, Y. inzhener.

Laying floors with board ends. Sel'. stroi. 12 no.7:15 J1 '57.  
(Floors) (MIRA 10:8)

2-58-5-10/17

AUTHOR: Bulgakov, V., Rayon Inspector of the TsSU (Tikhoretskiy Rayon, Krasnodarskiy kray)

TITLE: The Centralization of Records and Statistics in Districts - an Urgent Task (Tsentralizatsiya ucheta i statistiki v rayonakh nazrevshaya zadacha)

PERIODICAL: Vestnik Statistiki, 1958, Nr 5, pp 71-76 (USSR)

ABSTRACT: A considerable part of accounts and records from enterprises, offices and organizations of the Tikhoretsk district in the Krasnodar kray, is now being centralized at the TsSU District Inspectorate. The author presents information on the Inspectorate's activities, concentrated on the entry and evaluation of kolkhoz accounts, state purchases, national education, commerce, culture, agricultural and kolkhoz building, public health and planning. Some suggestions are made to improve centralization and the supply of registration forms. A suggestion by N. Lavrinenko to keep personal accounts of state purchases only in kolkhozes, and not at the Inspectorate, is turned down.

AVAILABLE: Library of Congress  
Card 1/1

BLIZANKOV, V.; MENTENOV, N.

Market of national importance. *izv. inf. 1961* 5:61 161.  
(Farm--Farm produce--Marketing)

BULGAKOV, V.A.

Means of the elimination of echinococcosis in the Ukrainian S.S.R.  
(MIRA 17:4)  
Vrach. delo no.2:111-115 F'64

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii  
i mikrobiologii.

ZMAGA, P.I.; BULGAKOV, V.A., glavnyy inzh., nauchnyy red.; VOROB'YEV, S.A., dotsent, kand.tekhn.nauk, nauchnyy red.; SHUBENKO-SHUBIN, L.A., glavnyy konstruktor, nauchnyy red.; DONSKOY, Y.Ye., red.; SHEVCHENKO, M.G., tekhn.red.

[New machines; collection of articles on new machines, motors, and apparatus made at Kharkov enterprises from 1956 to 1958]  
Novye mashiny; sbornik statei o novykh mashinakh, motorakh, apparatakh, sozdannykh na kharkovskikh predpriatiakh v period 1956-1958 gg. Khar'kovskoe obl.izd-vo, 1958. 226 p. (MIRA 12:5)

1. Zaveduyushchiy otdelom mashinostroyeniya Khar'kovskogo obkoma Kommunisticheskoy partii Ukrainy (for Zmaga). 2. Khar'kovskiy elektromekhanicheskiy zavod (for Bulgakov). 3. Khar'kovskiy turbinnyy zavod imeni Kirova; chlen-korrespondent Akademii nauk USSR (for Shubenko-Shubin).  
(Kharkov--Machinery)

SOV/105-59-8-27/28

25(1)

AUTHORS:

Bron, O. B., Professor, Doctor of Technical Sciences, Buylov, A. V., Engineer, Bulgakov, V. A. Docent

TITLE:

P. V. Sakharov. Technology of Electric Apparatus Engineering. 2. Revised Edition. Part 1, 420 Pages, Price 7.85 Rubles, Gosenergoizdat Publishing House, 1956. Part 2, 408 Pages, Price 9.25 Rubles, Gosenergoizdat Publishing House, 1957

PERIODICAL: Elektrichestvo, 1959, Nr 8, p 96 (USSR)

ABSTRACT:

The first edition of this book was published in 1950 and was the first publication on the technology of electric apparatus engineering in the USSR and abroad. It was compiled on the basis of data collected by the author during his activity in the Khar'kovskiy elektromekhanicheskiy zavod (Khar'kov Electro-mechanical Works), during his teaching activity at the MEI, where he has lectured on the "Technology of the Manufacture of Electric Apparatus" from 1939 till now, and during three stays in foreign countries. The book was translated into Chinese, Hungarian, Polish, Bulgarian and Czech. It treats not only of the technology but also of the fundamentals of apparatus designing of individual element groups and parts. The book

Card 1/2

P. V. Sakharov. Technology of Electric Apparatus SOV/105-59-8-27/28  
Engineering. 2. Revised Edition. Part 1, 420 Pages, Price 7.85 Rubles,  
Gosenergoizdat Publishing House, 1956. Part 2, 408 Pages, Price 9.25 Rubles.  
Gosenergoizdat Publishing House, 1957

contains a systematic classification of the material on the  
technological processes of the manufacture of several thousand  
parts and element groups. An analysis of the solutions of  
designing and technological problems is included.

Card 2/2

Bulgakov, V. A.

Echinococcosis in humans and animals of the Odessa and Lugansk Oblast's, peculiarities of this epidemiology and means for its eradication.

Materialy nauchnykh konferentsii, Kiev, 1959. 28<sup>pp</sup>  
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

KESAYEV, Igor' Georgiyevich; BULGAKOV, V.A., red.; BORUNOV, N.I.,  
tekh.red.

[Cathode processes and problems concerning the stability of a  
mercury arc] Katodnye protsessy rtutnoi dugi i voprosy ee  
ustoichivosti. Moskva, Gos.energ.izd-vo, 1961. 319 p. (Moscow.  
Vsesoiuznyi elektrotekhnicheskii institut. Trudy, no.67)

(MIRA 14:9)

(Mercury)            (Cathodes)    (Electric arc)

KASATKIN, Aleksandr Sergeevich; PEREKALIN, Mikhail Aleksandrovich  
[deceased]; BULGAKOV, V.A., red.; BORUNOV, N.I., tekhn. red.

[Electric engineering] Elektrotehnika. Izd.8., perer. Moskva,  
Gos. energ. izd-vo 1961. 459 p. (MIRA 14:9)  
(Electric engineering)

TAREYEV, B.M., prof., red.; BULGAKOV, V.A., red.; LARIONOV, G.Ye.,  
tekhn. red.

[Electric insulating materials with increased heat resistance]  
Elektroizoliatsionnye materialy povyshennoi nagrevostoikosti;  
sbornik perevodov statei. Moskva, Gosenergoizdat, 1961. 103 p.  
Translated from the English. (MIRA 16:5)  
(Electric insulators and insulation)

KONSTANTINOV, Vasiliy Ivanovich; MANSUROV, Nikolay Nikolayevich;  
SIMONOV, Anton Fedorovich; FEDOROV-KOROLEV, Anatoliy Alekseyevich;  
ZHUKHOVITSKIY, B.Ya., dots., kand. tekhn. nauk, red.; BULGAKOV,  
V.A., red.; BORUNOV, N.I., tekhn. red.

[Problems on theoretical electrical engineering]Sbornik zadach po  
teoreticheskoi elektromekhanike. [By]V.I.Konstantinov i dr. Izd.3.,  
dop. Moskva, Gosenergoizdat, 1962. 191 p. (MIRA 16:3)  
(Electric engineering)

BURGS DORF, V.V., red.; BULGAKOV, V.A., red.; FRIDKIN, A.M., tekhn. red.

[High-voltage power transmission lines; translations of the reports of the International Conference on Large Electric Systems (GIGRE), 1960] Liniy elektroperedachi vysokogo napriazhenia; perevody dokladov Mezhdunarodnoi konferentsii po elektricheskim sistemam (GIGRE) 1960 g. Pod red. V.V.Burgsdorfa. Moskva, Gosenergoizdat, 1962. 319 p. (MIRA 16:3)

1. International Conference on Large Electric Systems. 18th, Paris, 1960.

(Electric lines--Overhead)

(Electric power distribution--Congresses)

KASATKIN, Aleksandr Sergeevich; PEREKALIN, Mikhail Aleksandrovich  
[deceased]; BULGAKOV, V.A., red.; BORUNOV, N.I., tekhn. red.

[Electric engineering] Elektrotehnika. Izd.8., perer. Mo-  
skva, Gosenergoizdat, 1963. 464 p. (MIRA 16:8)  
(Electric engineering)

BULGAKOV, V.A.; YEREMIN, A.S.; ROZOV, B.S.

Precision summing transistor amplifier. Izv. tekh. no.6:  
38-41 Je '63. (MIRA 16:8)

(Transistor amplifiers)

BULGAKOV, V.I.

Diagnostic value of certain laboratory investigations in echinococcosis and methods of conducting them [with summary in English].  
Med. paraz. i paraz. bol. 27 no.2:152-157 Mr-Apr '58 (MIRA 11:5)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.G. Ruditskiy) Kurskogo gosudarstvennogo meditsinskogo instituta (dir. - prof. A.V. Savel'yev).  
(ECHINOCOCCOSIS, diagnosis  
Casoni's reaction, technic (Rus))

REZNIK, I.D.; BULGAKOV, V.I.; SAZHENOV, M.K.

Measuring waste gas temperatures for the automatic control of the  
speed of pallet movements in sintering machines. TSvet.met. 35  
no.2:29-36 F '62. (MIRA 15:2)  
(Sintering) (Automatic control)

FILIPPOV, A.P. (Khar'kov); BULGAKOV, V.M. [Bulgakov, V.N.] (Khar'kov)

Using high-speed digital computers in investigating the strength  
of plates and shells. *Soyuz. Mekh.* 7 no.2:117-125 '61.  
(MIRA 14:4)

1. Laboratoriya gidravlicheskikh mashin AN USSR.  
(Elastic plates and shells)  
(Electronic digital computers)

MALKIN, Ya.Z.; BULGAKOV, V.I.

Shaft furnace lead smelting. TSvet.met. 35 no.12:1-7 D '62.  
(MIRA 16:2)

(Lead--Metallurgy)

BULGAKOV, V. N. (Kharkiv).

Toroidal shells subjected to the action of centrifugal forces  
[with summaries in Russian and English]. Prikl.mekh. 3 no.2:215-224  
'57. (MLRA 10:9)

1. Laboratoriya gidravlichnikh mashin AN URSS.  
(Elastic plates and shells)

*the state of tension*  
BULGAKOV, V. N., Cand Tech Sci -- (disc) "~~Study of~~ *Study of* ~~Stress~~ in  
Toroidal Elements of Hydraulic Transmission Casings". Khar'kov,  
1958. 11 pp. (Acad. Sci. UkrSSR. Inst. of Structural Mechanics).  
120 copies. (KL, 34-58, 100).

13

BULGAKOV, V.N.

Experimental determination of stresses in a fast-rotating  
toroidal shell. Sbor. trud. Lab. gidr. mash. no.7:212-216  
'58. (MIRA 12:

(Strains and stresses) (Strain gauges)